

ZINOV'YEV, B.S.

Veterinarians of the Virgin Territory in the strive for the development of animal husbandry. Veterinariia 40 no.4:9-14 Ap '63. (MIRA 17:1)

1. Nachal'nik Glavnogo upravleniya veterinarii Tselinnogo krayevogo upravleniya proizvodstva i zagotovok sel'sko-khozyaystvennykh produktov.

ZINOV'YEV, B.S.

Our achievements in controlling helminthiasis in animals. Veterinaria
no.12:8-9 D '63. (MIRA 17:2)

1. Nachal'nik Glavnogo upravleniya veterinarii Tselinnogo krayevogo
upravleniya proizvodstva i zagotovok sel'skokhozyaystvennykh produktov.

ZINOV'YEV, B. S. (Honored Veterinary Surgeon of the Kazakh SSR, Head of the Chief Administration of Veterinary Medicine of the State Farm Administration, Tselinnyi Krai)

"Utilization of reserves in animal husbandry"

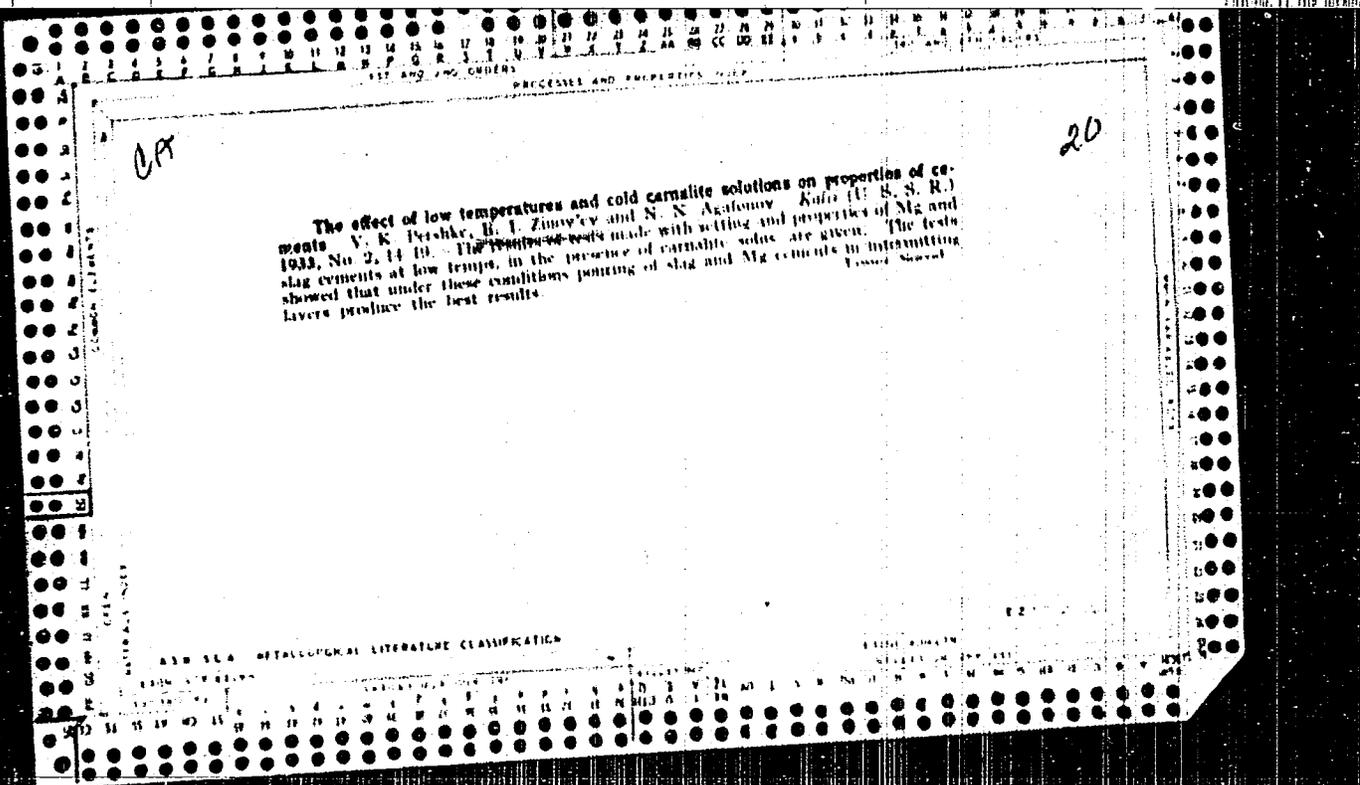
Veterinariya, Vol. 38, no. 10, October 1961, pp. 32.

ZINOV'YEV, B.S.

Labor achievements of the Virgin Territory veterinarians.
Veterinariia 41 no.10:5-7 O '64.

(MIRA 18:11)

1. Nachal'nik Glavnogo upravleniya veterianrii Tselinnogo
krayevogo upravleniya proizvodstva i zagotovok sel'-
skokhozyaystvennykh produktov.



RECEIVED AND PROPERTIES INDEX

18

The possibility of the utilization of titanomagnetites in the Levig process. E. I. Zinov'ev and V. I. Bozhukova. *Trudy Ural. Ind. Inst. Kuzn. 1938*, No. 5, 66-68; *Khim. Referat. Zhur.* 1, No. 11-12, 89(1938).--The possibility of substitution of Ti-magnetites for Fe ore in the process of producing NaOH by the Levig method was investigated. Preliminary expts. in 1934 gave unsatisfactory results, owing to fusing of the mass in primary roasting of the concentrate with soda. The NaOH yield was small, and a large part of the soda was in a combined form, from formation of Na titanates, which are not decompd. by leaching with H₂O. Later expts. with Ti-magnetites directly gave more satisfactory results. The mixt. of Ti-magnetites with soda was roasted in a Pt crucible at 900-1000° for 30 min., and did not fuse, even at 1100°. At optimum compn. of the mixt. (Ti-magnetites 77, soda 23%) primary roasting at 1100° gave a 65% yield of NaOH, and secondary roasting a 93.5% yield. Leaching of the mass after primary roasting extd. 65% of the V₂O₅ contained in the Ti-magnetites, while Cr₂O₃ was extd. completely only after the secondary roasting. From the results obtained it is concluded that Ti-magnetites can be used successfully, after a preliminary roasting with soda, as substitute for Fe ore in the Levig process. The spent ore can be used for the production of TiO₂.
W. R. Henn

A 50-51A METALLURGICAL LITERATURE CLASSIFICATION

157 AND 158 ORDERS PROCESSES AND PROPERTIES INDEX

CA

Tungsten-molybdenum deposits of Kok-kul in the High Altai. G. D. Kisev'ev, V. D. Timofeev and T. M. Zaitsev. *Soviet Geol.* 9, No. 8, M 05(10:30). - A list of 39 minerals found is given. Green, almost isometric, wolframite contg. 75.08 WO₃, 20.75 MnO and 2.30% FeO, and long, gray, layer wolframite contg. 76.72, 15.65 and 8.17%, resp., were found, as well as molybdenite, scheelite, etc. Cons. exploitation is considered feasible. New tungsten deposits of Cis-Balkhash in Kazakhstan. A. S. Orlpov. *Ibid.* 05-71. - The wolframite contains 75.05% WO₃, 10.80 MnO, 12.05 FeO and 0.25 (Ta + Nb)₂O₅.
F. H. Rathmann

ASA-ILA METALLURGICAL LITERATURE CLASSIFICATION

157 AND 158 ORDERS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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ZINOVYEV, F. A.

Minimum of technical knowledge for the Diesel truck drivers; textbook.
Moskva, Transzheldorizdat, 1939. 138 p. (52-55314)

TL230.25

ZINOV'YEV, G. A.

C/ 1962

1964

ZOOLOGY

DECEASED

ARTEMOV, P.I.; ZINOV'YEV, G.A.; STEGUNIN, S.I. (Kuybyshev)

Diseases of the circulatory organs among the population of
Kuibyshev (as revealed by extensive study of disease incidence
in 1958). Sov.zdrav. 21 no.8:47-50 '62. (MIRA 15:11)

1. Iz kafedry organizatsii zdravookhraneniya i istorii meditsiny
(zav. - prof. I.M.Bulayev) Kuybyshevskogo meditsinskogo instituta.
(KUYBYSHEV---CARDIOVASCULAR SYSTEM---DISEASES)

ZINOV'YEV, G.N.

S/080/60/033/008/022/022/XX
D213/D305

AUTHORS: Gol'dberg, N.A., Zinov'ev, G.N.

TITLE: Vapor-liquid equilibrium compositions of binary solutions of 2,4-toluylenediisocyanate in chlorobenzene and 1,2,4-trichlorobenzene

PERIODICAL: Zhurnal prikladnoy khimii, v. 33, no. 8, 1960, 1913 - 1915

TEXT: The most commonly used method of preparing 2,4-toluylenediisocyanate is based on reacting 2,4-toluylenediamine with phosgene in a chemically inert solvent, usually chlorobenzene. The disadvantage of the above solvent is its high volatility and inflammability, and for this reason the author decided to investigate 1,2,4-trichlorobenzene as a possible solvent. 1,2,4-trichlorobenzene is non-inflammable, less volatile and readily available in large quantities from wastes of hexachlorocyclohexane production. In the present work, the authors attempted to determine the vapor-

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Vapor-liquid equilibrium ...

S/080/60/033/008/022/022/XX
D213/D305

liquid equilibrium composition of the above binary solution under residual pressure of 40 mm Hg. The starting solutions were prepared using 99.4 - 99.8 % pure 2,4-toluylenediisocyanate (VTU No. 13 X - 05 - 58), obtained by fractionation of the technically pure material in a 1100 mm column under a pressure of 15 - 30 mm Hg., fractionated chlorobenzene b. pt. 130-132.5°C and redistilled 1,2,4-trichlorobenzene density 1.445 g/cm³ at 26°C. The equilibrium composition of vapor-liquid systems was determined using the Olevskiy-Golubiyev apparatus (Tr. GIAP, III, 45, 1954) and Rosengart-type manostat (Ref. 2: Technika laboratornoy peregonki i rektifikatsii, Goskhimizdat M-L., 129, 1951). Before the actual experiments the apparatus was tested using aqueous acetone at atmospheric pressure and determination of acetone was carried out according to the method described in GOST-2768-44. The main experiment was conducted by introducing 350-400 ml of the solution into the dry apparatus, switching on the vacuum pump and when the pressure reached 40 mm Hg, switching on the heaters. After 2.5-3 hours intensive boiling, samples of liquid from the boiler and distillate

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Vapor-liquid equilibrium ...

S/080/60/033/008/022/022/XX
D213/D305

were taken, followed by a second sample after 40-60 mins., and a third sample after a similar time interval. The 2,4-toluylenediisocyanate content was determined using a method described in VTU No. 13 X - 05 - 58. The results of these measurements are given in graphic form. There are 2 figures and 3 Soviet-bloc references. ✓

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy i proyekt-nyy institut azotnoy promyshlennosti (State Scientific and Planning Institute of the Nitrogen Industry)

SUBMITTED: October 2, 1959

Card 3/3

GOL'DBERG, N.A.; ZINOV'YEV, G.N.

Equilibrium compositions of the vapor and liquid phases of binary solutions of 2,4-toluylene diisocyanate in chlorobenzene and 1,2,4-trichlorobenzene. Zhur. prikl. khim. 33 no.8:1913-1915 Ag '60.

(HIRA 13:9)

(Isocyanic acid)

(Benzene)

YEL'YASHKEVICH, Samuil Abramovich; LEVYKIN, N.N., red.; FILIPPOV,
A.I., red.; ZHUK, Ya.M., red.; ZHEGALOV, I.S., red.;
ZINOV'YEV, G.P., red.; KOLYSHEV, P.P., red.; PORTNOV,
M.N., red.; KHUDYAKOV, M.A., red.; PEVZNER, I.M., red.;
SOBOLEVA, Ye.M., tekhn. red.

[Handbook on television receivers] Spravochnik po televi-
zionnym priemnikom. Izd.3., perer. i dop. Moskva, Izd-vo
"Energia," 1964. 271 p. (MIRA 17:4)

ZINOV'EV, G. P., ed.

Handbook on agricultural machines and tools. Moskva, Sel'khozgiz, 1947.
751 p.

ZINOV'YEV, G.S.

Output voltage of thyatron frequency changers with direct connection (constant regulation angle). Izv. SO AN SSSR no. 10. Ser. tekhn. nauk no. 3:19-27 '65 (MIRA 19:1)

1. Novosibirskiy elektrotekhnicheskiy institut. Submitted September 26, 1964.

ACCESSION NR: AP4009190

S/0288/63/000/003/0109/0112

AUTHOR: Zinov'yev, G. S.; Lopatin, A. G.; Trubetskoy, A. I.

TITLE: Transistorized nanosecond pulse generator

SOURCE: AN SSSR. Sibirskoye otdeleniye. Izv. Seriya tekhnicheskikh nauk, no. 3, 1963, 109-112

TOPIC TAGS: pulse generator, transistorized pulse generator, test instrument, tunnel diode, nanosecond pulse generator, pulse shaper, short pulse generator

ABSTRACT: Generators of various types of electrical pulses are indispensable for tuning and testing of nuclear electronic equipment. In this article a brief description and calculations are given for a nanosecond pulse generator based on tunnel diodes and a transistor. The generator consists of a master stage, shaping circuit and amplifier. The master stage is a multivibrator based on tunnel diode TD_1 (fig. 1), the pulse shaper is a driven multivibrator based on tunnel diode TD_2 . The pulse repetition frequency of the master stage is determined by the inductance of timing coil L_1 or L_2 . Oscillations are generated according to

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ACCESSION NR: AP4009190.

the cycle $\beta\Gamma A$ (fig. 2). Formulas with application of approximation of tunnel diode characteristics by a piece-wise exponential function were used for calculation of the repetition frequency and duration of the pulses (B. N. Kononov, A. S. Sidorov, Tunnel'nyye diody* i ikh primeneniye v triggerakh. V sb. "Poluprovodnikovyye pribory* i ikh primeneniye" pod red. A. A. Fedotova, vyp. 7, Izd-vo "Sov. radio", 1962). The duration of the pulse is equal to the time of change in current in the inductance from I_1 to I_2 on the section $\beta\Gamma$ of the volt-ampere characteristics.

$$t_n = 3L \frac{I_1 - I_2}{U_1 - U_2} \left[0.5 - \frac{U_1 - E}{U_2 - U_1} + \left(\frac{U_2 - E}{U_1 - U_2} \right)^2 \ln \left| 1 + \frac{U_1 - U_2}{U_1 - E} \right| \right]. \quad (5)$$

The duration of the pause is determined by the time of change of the current in the inductance from I_2 to I_1 on the section $A\Gamma$.

$$t_n = 3L \frac{I_1 - I_2}{U_1} \left[\left(\frac{U_1 - U_2}{U_1} \right)^2 + \frac{U_1 - U_2}{U_1} \ln \left| 1 + \frac{U_1 - U_2}{U_1} \left(\frac{U_1 - U_2}{U_1} \right)^2 \right| \right]. \quad (7)$$

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ACCESSION NR: AP4009190

The generator has an output pulse duration of 10 nsec at a repetition frequency in two bands from 100 kcs to 2000 kcs and 2 mcs to 10 mcs. Calculated parameters differed from experimentally obtained values by less than 10%. Orig. art. has: 2 figures, 8 formulas and 1 table.

ASSOCIATION: Institut radiofiziki i elektroniki Sibirskogo otdeleniya AN SSSR, Novosibirsk (Institute of Radio Physics and Electronics of the Siberial Department of the Academy of Sciences, SSSR)

SUBMITTED: 27Dec62

DATE ACQ: 10Feb64

ENCL: 02

SUB CODE: EC

NO REF SOV: 001

OTHER: 001

Card: 3/5

ACCESSION NR: AP4009190

ENC 01

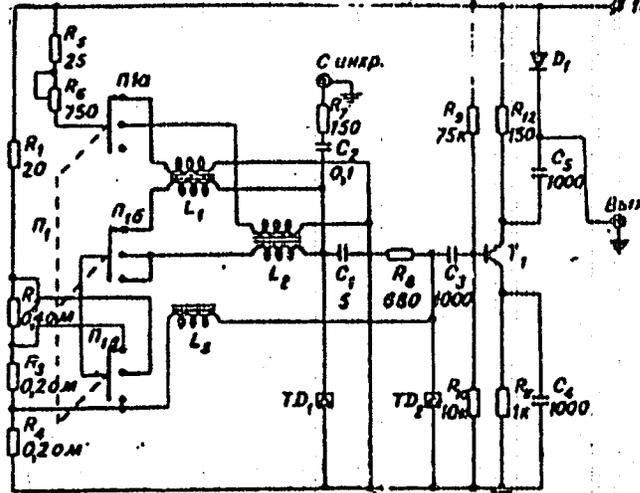


Fig. 1 -- principle circuit of the generator. C_{CHAP} -- synchronisation; Вых -- output; П₁₀ 6,0 -- switch; T₁ -- transistor type P-418

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ACCESSION NR: APL009190

ENC: 02

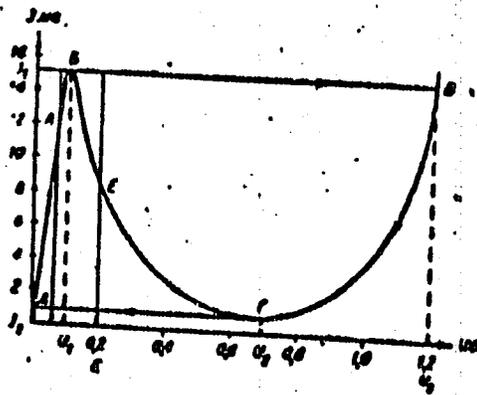


Fig. 2 -- volt-ampere characteristics of gallium arsenide diode.
I mA -- I in milliamps; U V -- U in volts

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ZINOV'YEV, G.S.; LOPATIN, A.G.; TRUBETSKOY, A.I.

Transistorized nanosecond pulse generator. Izv. SO AN SSSR no.10:
109-112 '63. (MIRA 17:11)

1. Institut radiofiziki i elektroniki Sibirskogo otdeleniya AN
SSSR, Novosibirsk.

ZINOV'YEV, G.S.; MIKHAYLOV, V.N.

Thermostat for semiconductor devices. Prib. i tekh. eksp. 9
no.1:188-189 Ju-F '64. (MIRA 17:4)

1. Institut radiofiziki i elektroniki Sibirskogo otdeleniya AN SSSR.

L 13369-66

ACC NR: AP6002009 (A) SOURCE CODE: UR/0288/65/000/003/0019/0027

AUTHOR: Zinov'yev, G. S.

ORG: Novosibirsk Electrotechnical Institute (Novosibirskiy elektrotekhnicheskiy institut)

TITLE: Output voltage of rectifier-type direct-coupled frequency changers (with constant angle of ignition)

SOURCE: AN SSSR, Sibirskoye otdeleniye. Izvestiya. Seriya tekhnicheskikh nauk. No. 1, 1981, 14-21

TOPIC TAGS: frequency changer, frequency converter, *ELECTRONIC CIRCUIT, ELECTRIC POWER SOURCE*

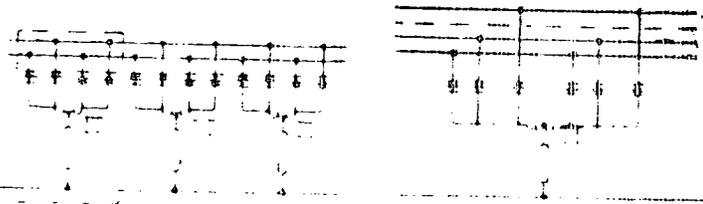
ABSTRACT: A harmonic analysis of the output voltage of single-phase/single-phase (or 3-phase) and multiphase/single-phase frequency changers (see figure) is presented for the first stage of the analysis, the commutation angle is neglected and the angle of ignition is equaled to zero, which permits applying the results to a load having any power. The next stage of the analysis includes output-voltage waveshapes with the angle of ignition $\alpha \neq 0$ and resistive, inductive and capacitive loads, it is

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UDC: 621.314.26

L-13369-66

ACC NR: AP6002009



shown how an allowance for the commutating angle can be made in the case of a resistive load. These assumptions are made: (a) no equalizing currents flowing; (b) continuous load current; (c) instantaneous commutation (except in one specified case); (d) zero recovery time of rectifiers; (e) single-phase output voltage, with a q-phase output obtainable

Principal circuits of direct-coupled frequency changers: single-phase/3-phase (left), multiphase/single-phase (right). IT is interphase transformer.

by joining q single-phase changers. Engineering formulas are developed suitable for design of frequency changers having frequency ratios of 10-20 or higher. Original has 4 figures, 13 formulas, and 1 table.

SUB CODE: 09 / SUBM DATE: 26Sep64 / ORIG REF: 002

Card 2/2

ZINOV'YEV, Gennadiy Stepanovich, aspirant

Geometric method for finding Fourier coefficients of a complex function composed of a series of prime functions. Izv. vys. ucheb. zav., elektromekh. 8 no. 2: 942-945 '65.

(MIRA 18:10)

1. Kafedra promyshlennoy elektroniki Novosibirskogo elektrotakhnicheskogo instituta.

GOSTREM, Runar Viktorovich; ZINOV'YEV, Gennadiy Stepanovich;
SNITSARENKO, A.A., red.

[Tunnel diodes and their applications] Tunnel'nye diody
i ikh primeneniye. Novosibirsk, Red.-izd. otdel Sibir-
skogo otd-niia AN SSSR, 1964. 130 p. (MIRA 18:1)

ZINOV'YEV, Grigoriy Yevseyevich, defendant

Prozessbericht über die Strafsache des Trotzkistisch--
Sinowjewistischen Terroristischen Zentrums, verhandelt
vor dem Militärkollegium des Obersten Gerichtshofes
der UdSSR, 19.-24. August 1936 gegen G.J. Sinowjew,
L.B. Kamenev (et al.) Moskau, Hrsg. von Volkskommis-
sariat für Justizwesen der UdSSR, 1936.

185 p.

Translation of original Russian.

ZINOV'YEV, I.

"Planning the requirements of public health service by medical
personnel" by I.I.Rozenfel'd. Reviewed by I.Zinov'ev. Zdrav.
Bel. 9 no.2:87 F'63. (MIRA 16:7)
(PUBLIC HEALTH) (ROZENFEL'D.I.I.)

ZINOV'YEV, I.

"Medical care for the population" by A.G.Safonov. Zdrav. Bel.
9 no.2:87 F'63. (MIRA 16:7)

(WHITE RUSSIA...PUBLIC HEALTH)
(SAFONOV, A.G.)

ZINOV'YEV, I.

"Outline of the history of rural public health" by D.V. Gorfin.
Reviewed by I. Zinov'ev. Zdrav.Bel 8 no.11:91 N '62.

(MIRA 16:5)

(PUBLIC HEALTH, RURAL)

(GORFIN, D.V.)

ZINOV'YEV, I., vtoroy pilot; PETUKHOV, A., vtoroy pilot; PORTYKO, G.,
vtoroy pilot; BELYAKOV, P., vtoroy pilot; SENCHA, G., vtoroy
pilot; SMIRNOV, L., vtoroy pilot; SERGEYEV, A., vtoroy pilot;
KUZNETSOV, L., vtoroy pilot

When sealing becomes a problem... Grazhd.av. 17 no.6:
20-21 Je '60. (MIRA 13:7)

1. Dal'nevostochnoye upravleniye Grazhdanskogo vozdušnogo
flota (for all except Sergeyev, Kuznetsov). 2. Severnoye uprav-
leniye Grazhdanskogo vozdušnogo flota (for Sergeyev, Kuznetsov).
(Aeronautics, Commercial--Freight)

ZINOV'YEV, I.A. (Moscow).

I.V. Varvinskii, first professor of the Hospital Therapeutic Clinic of
Moscow University; on the occasion of the 75th anniversary of his death.
Fel'd. i akush. no.6:50-53 Je '53. (MLEA 6:7)
(Varvinskii, Iosif Vasil'evich, 1811-1878)

ZINOV'EV, I. A.-

Dissertation: "The First Professor of the Hospital Therapeutic Clinic of Moscow University, I. V. Varvinskiy, and His Leadership of the Clinic Between 1840 and 1870." Cand Med Sci, Second Moscow Medical Inst Imeni I. V. Stalin, 26 Apr 54. (Meditsinskiy Rabotnik, Moscow, 9 Apr 54)

SO: SUM 243, 19 Oct 1954

ZINOV'YEV, I. A.

ZABLUDOVSKIY, Pavel Yefimovich, dotsent; KHELEEV, H.S., redaktor;
VINOGRADOV, N.A., redaktor; ZHUKOV, G.I., redaktor; ZINOV'YEV,
I.A., redaktor; YEVDOKIMOVA, Z.N., tekhnicheskiy redaktor.

[Origin of medicine in human society] Vozniknovenie meditsiny
v chelovecheskom obshchestve. Moskva, Gos.izd-vo meditsinskoi
lit-ry, 1955. 20 p.(Biblioteka vracha-organizatora. Lektsii
po organizatsii zdavookhraneniia dlia vrachei. Istoriia
otechestvennoi meditsiny, lektsiia 1) (MLRA 8:11)
(MEDICINE--HISTORY)

ZABIJDOVSKIY, Pavel Yefimovich, dots.; ZHUKOV, G.I., red.; ZINOV'YEV, I.A., red.;
SACHEVA, A.I., tekhn. red.

[Development of Russian medicine in the first half of the 19th century]
Razvitie russkoi meditsiny v pervoi polovine XIX veka. Moskva, Gos.
izd-vo med. lit-ry, 1955. 39 p. (Biblioteka vracha-organizatora.
Lektsii po organizatsii zdravookhraneniia dlia vrachei. Istoriia
otechestvennoi meditsiny, lektsiia 4). (MIRA 11:10)
(MEDICINE)

ZINOV'YEV, I.A., (Moskva)

P.L. Pikulin; 100th anniversary of S.P.Botkin's graduation from
the Medical School of Moscow University. Fel'd.i akush. no.8:
40-44 Ag '55. (MIRA 8:10)

(MEDICINE,
contribution of P.L. Pikulin)
(BIOGRAPHIES
Pikulin, P.L.)

FEL'DMAN, Natal'ya Grigor'yevna; ZINOV'YEV, I.A., redaktor; POPRYADUEKHIN,
K.A., tekhnicheskiy redaktsor

M.D. Lavdovskii, 1847-1902. Moskva, Gos. izd-vo med. lit-ry, 1956.
169 p. (MIRA 10:1)
(LAVDOVSKII, MIKHAIL DORMIDONTOVICH, 1847-1902)

VENGROVA, I.V.; GUSAKOVA, T.V.; ZINOV'YEV, I.A.; POLYANSKAYA, T.G.;
FOKINA, Ye.N.; PETROV, B.D., red.

[Significant dates and anniversaries in the history of
medicine for 1960] Znamenatel'nye i iubileinye daty istorii
meditsiny 1960 goda. Sost. I.V.Vengrova i dr. Moskva, M-vo
zdravookhraneniia SSSR, 1959. 53 p. (MIRA 13:1)

1. Moscow. Institut organizatsii zdravookhraneniya i istorii
meditsiny imeni N.A.Semashko. 2. Zaveduyushchiy otdelom istorii
meditsiny Instituta organizatsii zdravookhraneniya i istorii
meditsiny imeni N.A.Semashko (for Petrov).

(MEDICINE--BIOGRAPHY)

ZINOV'YEV, I.A., kand.med.nauk (Moskva)

Petr Petrovich Kashchenko; on the 100th anniversary of his birth.
Fel'd. i okuzh. 24 no.1:30-33 Ja '59 (MIRA 12:1)
(KASHCHENKO, PETR. PETROVICH, 1859-1920)

ZINOV'YEV, I.A., kand.med.nauk (Moskva)

Sergei Romanovich Mirotvortsev; on the tenth anniversary of his
death. Fel'd. i akush. 24 no.6:39-43 Je '59. (MIRA 12:8)
(MIROTVORTSEV, SERGHI ROMANOVICH, 1878-1949)

ZABLUDOVSKIY, P.Ye.; KONYUS, E.M., doktor med.nauk, red.; ZINOV'YEV,
I.A., kand.med.nauk, red.; KONSTANTINOV, G.P., tekhn.red.

[History of Russian medicine; materials for the course on the
history of medicine in medical institutes and in institutes for
advanced training of physicians] Istorii otechestvennoi
meditsiny; materialy k kusu istorii meditsiny v meditsinskikh
institutakh i institutakh usovershenstvovaniia vrachei. Moskva,
TSentr.in-t usovershenstvovaniia vrachei. Pt.1. [Period up to
1917] Period do 1917 goda. 1960. 398 p.

(MIRA 14:2)

(MEDICINE)

ZINOV'YEV, I.A. (Moskva)

Aleksandr Andreevich Kisel'; on the one hundredth anniversary of
his birth. Med. sestra 19 no.3:42-44 Nr '60. (MIRA 13:5)
(KISEL', ALEKSANDR ANDREEVICH, 1859-1938)

ZINOV'YEV, I.A. (Moskva)

Georgii Norbertovich Gabrichevskii; on the one hundredth anniversary
of his birth. Fel'd. i akush. 25 no.4:40-44 Ap '60. (MIRA 14:5)
(GABRICHEVSKII, GEORGII NORBERTOVICH, 1860-1907)

ZINOV'YEV, I.A., kand.med.nauk

Stepan Fomich Khotovitskii. Fel'd. i akush. 25 no.5:38-42
Ky '60.

(MIRA 13:7)

(KHOTOVITSKII, STEPAN FOMICH, 1796-1885)

GRAZHUL', Veniamin Semenovich; LISITSYN, Yuriy Pavlovich; ZINOV'YEV,
I.A., red.; KUZ'MINA, N.S., tekhn. red.

[Colonialism and public health in Africa] Kolonializm i zdrazvo-
okhranenie v Afrike. Moskva, Medgin, 1961. 141 p. (MIRA 15:1)
(AFRICA---PUBLIC HEALTH)

ZINOV'YEV, I.A., kand.med.nauk

"F.I. Inozemtsev and his importance in the development of Russian
medicine" by G.V. Arkhangel'skii. Reviewed by I.A. Zinov'ev. Zdrav.
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(ARKHANGEL'SKII, G.V.)

KASSIRSKIY, I.A., prof.; ZINOV'YEV, I.A., kand.med.nauk

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(MIRA 14:7)

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(WOUNDS---TREATMENT)

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kand.med.nauk; SIDEL'NIKOVA, T.Ya., kand.med.nauk; ROZENTUL, L.M.,
vrach-kosmetolog; SADCHIKOVA, M.N., kand.med.nauk

Health hints. Zdorov'ye 8 no.8:30-31 Ag '62.
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(MIRA 15:8)

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FOKINA, Y.G.

Significant and anniversary dates in the history of medicine:
June. Sov. zhurn. 21 no.1:61-62, 1971. (MIRA 15:2)

1. Institut organizatsii zdravookhraneniya i istorii meditsiny
imeni N.A.Somashko Ministerstva zdravookhraneniya SSSR, otdel
istorii meditsiny.

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Dmitrii Dmitrievich Bekariukov. Med. sestra 21 no.4:54-56 Ap '62.
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(BEKARIUKOV, DMITRII DMITRIEVICH, 1861-1934)

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"Nikolai Ivanovich Pirogov" by A.M.Geselevich and E.I.Smirnov. Reviewed
by I.A. Zinov'ev. Sov. zdrav. 21 no.4:75-76 '62. (MIRA 15:5)
(PIROGOV, NIKOLAI IVANOVICH, 1810-1881)
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(MIRA 15:8)

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Varvinskii. Arkh.pat. 24 no.5:75-78 '62. (MIRA 15:5)

1. Iz Instituta organizatsii zdravookhraneniya i istorii meditsiny
imeni N.A. Semashko Ministerstva zdravookhraneniya SSSR.
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ZINOV'YEV, I.A., kand.med.nauk (Moskva)

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his death. Fel'd. i akush. 27 no.4:33-37 Ap '62. (MIRA 15:6)
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A.V., tekhn. red.

[From the history of the medical service in the Russian navy]
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rialam arkhivov i po stranitsam trudov doktora flota A.G.
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okhranenie v zarubezhnykh stranakh Azii. Moskva, Medi-
tsina, 1964. 172 p. (MIRA 18:3)

1. Moscow. Institut organizatsii zdravookhraneniya i isto-
rii meditsiny.

ZINOV'YEV, I.A., kand.med. nauk.

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47-52 F'63. (MIRA 16:9)

1. Iz Instituta organizatsii zdravookhraneniya i istorii medi-
tsiny imeni N.A.Semashko.
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tekhn. red.

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1963 - May. Sov.zdrav. 22 no.2:67-68 '63. (MIRA 16:2)
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F 162. (MIRA 15:3)

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ZINOV'YEV, I.A., kand.med.nauk

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of high partial oxygen pressures. Funk. org. v usl. izm. gaz. sredy
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Improving the technology of cementing circulation-loss zones.
Burenie no.2:25-26 '65. (MIRA 18:5)

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1. Iz kafedry tuberkuleza (zaveduyushchiy - prof. V.I. Syzgin)
Alma-Atinskogo meditsinskogo instituta.

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Treatment of destructive forms of pulmonary tuberculosis with
antibacterial preparations. Zdrav. Kazakh. 21 no.8:23-27 '61.

(MIRA 14:9)

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(TUBERCULOSIS)

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Pleural adhesions following artificial pneumothorax. Zdrav. Kazakh.
21 no.10:28-30 '61. (MIRA 15:2)

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(PNEUMOTHORAX) (ADHESIONS (ANATOMY))

ZINOV'YEV, I.P.

Hemoptysis in chronic fibrocavernous pulmonary tuberculosis at
Ber-Chogur Sanatorium. Zdrav. Kazakh. 22 no.2:41-43 '62.

(MIRA 15:6)

1. Iz kafedry tuberkuleza (zav. - prof. V.I.Zyuzin) Kazakhskogo
meditsinskogo instituta.

(HEMORRHAGE)

(TUBERCULOSIS)

L 22757-66 EWT(a)/EWT(l)/EWT(m)/EWP(p)/EWP(v)/EWP(r)/EWP(s)/EWP(t) WJ/WJ
ACC NR: AP6009918 (A) SOURCE CODE: UR/0413/66/000/004/0115/0115

AUTHOR: Zinov'ev, I. V.; Natarov, M. M.; Savel'ev, V. M.

15: none

TITLE: Device for adjusting the lifting height of an intake valve in an internal combustion engine. Class 46, No. 179119

SOURCE: Izobreteniya, pronyslennyye obraboty, tovarnyye znaki, no.4, 1966, 115

TOPIC TAGS: internal combustion engine, valve intake, valve, piston, engine, engine piston

ABSTRACT: An Author Certificate has been issued for a device in the form of hydraulic link in the drive-system for changing the lifting height of an intake valve in an internal combustion engine. To increase the performance economy of the engine for partial loads, the hydraulic link is built as a housing with an intermediate sleeve having a bypass opening and equipped with a gear rack which interacts with the mechanical-drive gear wheel. The sleeve has two plungers in a coaxial position, one linked with the distributor shaft cam, and the other is linked with the push rod, which is connected with a double-arm lever, which, in turn operates the valve. (See Fig. 1). Orig. art. has 1 figure. [LD] 22

Card 1/2

UDC: 621.43-381.2

22757-66
ACC NR. AP6009918

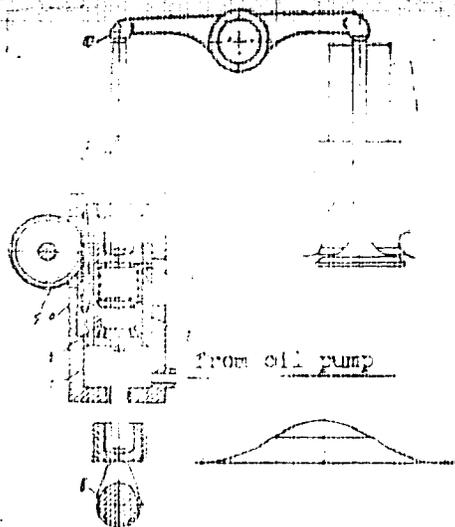


Fig. 1. Hydraulic link. 1 - housing; 2 - intermediate sleeve;
3 - gear wheel; 4 - gear shaft; 5 - drive-mechanism gear wheel;
6 - shaft; 7 - gear wheel; 8 - shaft; 9 - gear wheel;
10 - gear wheel; 11 - gear wheel; 12 - gear wheel.

ZINOV'YEV, K.F.; MADOVSKIY, I.Ya.

Using natural gas in the Krasnodar Plant of Mineral Wool. Stroi.
mat. 11 no.2:13-14 F '65. (MIRA 18:3)

1. Zamestitel' nachal'nika Upravleniya promstroymaterialov Severo-Kavkazskogo soveta narodnogo khozyaystva (for Zinov'yev).
2. General'nyy direktor Kubanskogo ob'yedineniya stroitel'nykh materialov (for Madovskiy).

ZINOV'YEV, L.P.; KOTOV, V.I.; MEZNIKOV, K.P.

Measuring the magnetic field index in a weakly focusing proton-synchrotron from observation of the accelerated particle beam.
Prib. i tekh. eksp. 8 no.4:22-23 J1-Ag '63. (MIRA 16:12)

1. Ob'yedinenny institut yadernykh issledovaniy.

L 3776-66 EWT(m)/EWA(m)-2 IJP(c) GS
ACCESSION NR: AT5007947

S/0000/64/000/000/0693/0697

AUTHOR: Zinov'yev, L. P.; Issinskiy, I. B.; Kotov, V. I.; Kulakova, Ye. M.;
Pavlov, M. I.; Myznikov, K. P.

TITLE: The utilization of parametric resonance in the 10-Mev synchrotron for
particle output

SOURCE: International Conference on High Energy Accelerators, Dubna, 1963.
Trudy, Moscow, Atomizdat, 1964, 693-697

TOPIC TAGS: high energy accelerator, electron paramagnetic resonance, focusing
accelerator

ABSTRACT: Accelerated particles with pulse length of less than 100 usec are of
great importance in current physical experiments. Great interest is shown in the
possibility of applying the parametric (half-integral) resonance. Such a possibi-
lity has been discussed in the literature especially in application to conditions
of electron focusing and steering in linear accelerators. Utilization of the resonance
effect for the rapid switching of the accelerated beam against the target in a
small 10-Mev synchrotron permitted one to obtain good results. The present report
discusses the results of investigations conducted on the synchrotron at the

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L 3776-66

ACCESSION NR: AT5007947

9

citer winding; radial hurling of particles on the target 10 cm and 20 cm from the target; dependence of the duration of beam collision with the target upon the radial position of the target relative to the orbit for various excitations; dependence of the length of burst on excitation and radial position of the target; the dependence of the length of burst on the size of the deflector as a function of the position of the target relative to the orbit. A. I. Mironov, for his contribution to the development of the system for the control of the beam position. V. I. Mironov, V. I. Mironov, Ya. P. Gusakov, M. I. Mironov, M. I. Mironov, et al., for their participation in developing and adjusting the control experiments. (orig. art. has 12 figures).

ASSOCIATION: Ob"yedinennyy Institut yadernykh issledovaniy, Dubna (Joint Institute of Nuclear Research).

SUBMITTED: 26May64

ENCL: 00

SUB CODE: NP

NO REF SOV: 004

OTHER: 003

Card 3/3

ANTONOV, Yu.N.; ZINOV'YEV, L.P.; KOZHUKHOV, I.V.; RASHEVSKIY, V.P.;
SARANTSEV, V.P.; CHZHAN Chzhun-mu [Chang Chung-mu].

[Focusing and adjusting the injector beam of a linear ac-
celerator] Fokusirovka i iustirovka puchka inzhektora linei-
nogo uskoritelia. Dubna, Ob"edinennyi in-t iadernykh issl.,
1961. 19 p. (MIRA 15:1)

(Particle accelerators)

82872

S/120/60/000/02/003/052

21.2200

AUTHORS: Zeytlenok, G.A., ^{EQ32/E314} Zinov'yeu, L.P. and Royfe, I.M.

TITLE: High Voltage Supply for the Deflecting Plates in the Ion Beam Injection System of the 10 GeV Synchrophasotron/9

PERIODICAL: Pribory i tekhnika eksperimenta, 1960, Nr 2, pp 15 - 20 (USSR)

ABSTRACT: The present paper was originally communicated to the All-Union Conference on High Energy Particles in 1956 (Refs 1 and 2). In the 10 GeV synchrophasotron, the proton beam is directed onto the equilibrium orbit by a system of five deflecting plates (Figure 1). Mechanical displacement of the plates and the voltage across each pair can be adjusted so that the beam can be directed onto an orbit of any radius in the accelerator chamber. The voltage across the plates can be between 20 and 100 kV. In order to eliminate the effect of the electrostatic field between the plates on the particle trajectories outside the injection process, the voltage is removed from the plates in 0.5 μ sec. The form of the voltage applied to the plates is shown in Figure 2. The reduction in the voltage takes place at the rate of

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S/120/60/000/02/003/052

E032/E514

High Voltage Supply for the Deflecting Plates in the Ion Beam
Injection System of the 10 GeV Synchrotron

about 2×10^{11} V/sec and is obtained by using a large number of hydrogen thyratrons in parallel with the plates. In order to maintain a constant voltage during the injection process, a sufficiently large capacitor is connected across the deflecting plates. The magnitude of this stabilizing capacitor was determined from the condition that the relative reduction of the voltage during the injection time (about 300 μ sec) should not exceed 0.5%. The final value for this capacitor was 0.01 μ F. At the maximum pulse repetition frequency, the power required to charge this capacitor is 0.5 kW. Since it is inconvenient to use capacitors greater than 0.01 μ F (because of the increased power), the high voltage rectifier was not used at the ordinary mains frequency. Instead, a supply frequency of 100 kc/s was employed. A block diagram of the installation is shown in Figure 3. It consists of a master oscillator (100 kc/s) and an aperiodic preliminary amplifier. The latter is followed by a cascade multiplier. A detailed circuit of the

Card 2/3

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S/120/60/000/02/003/052

EQ52/E314

High Voltage Supply for the Deflecting Plates in the Ion Beam Injection System of the 10 GeV Synchrophasotron

high-voltage supply is shown in Figure 4. The system can be used to maintain a voltage across the plates to an accuracy better than $\pm 0.02\%$. Figure 5 shows the change in this voltage as a function of time for four of the deflecting plates. Acknowledgment is made to the following persons who took part in the experiments:

N. Boyko; G.A. Ivanov; A.N. Semenov; I.I. Finkel'shteyn;

A.A. Tsepelev; S.K. Yesin and N.A. Chubaro.

There are 5 figures and 2 Soviet references: 4

SUBMITTED: February 25, 1959

Card 3/3

GINOV'YEV, I.P., DANILKIN, I.S., PETUKHOV, V.A., RABINOVICH,,

"Some Operational Problems with a 180 MeV Synchrotron," (Model of 10 GeV Synchrotron), paper presented at CERN Symposium, 1956, appearing in Nuclear Instruments, No. 1, pp. 21-30, 1957

ASSOCIATION UNILCO NUCLEAR RESEARCH INSTITUTE

Card 1/2

ZINOV'YEV, L.P.; ISSINSKIY, I.B.; KOTOV, V.I.; KULAKOVA, Ye.M.; MYZNIKOV, K.P.;
PAVLOV, N.I.

Fast extraction of a proton-synchrotron beam onto the target. Prib.
i tekhn. eksp. 10 no.1:33-38 Ja-F '65. (MIRA 18:7)

1. Ob"yedinennyy institut yadernykh issledovaniy.

KOSOLAPOVA, M.Ya.; ZINOV'YEV, L.S.

Some morphological and anatomic changes in the structure of
shoots of the linden *Tilia cordata* Mill. Bot. zhur. 47 no.6:857-861
Je '62. (MIRA 15:7)

1. Leningradskiy gosudarstvennyy universitet i Botanicheskiy
institut imeni V.L. Komarova AN SSSR, Leningrad.
(Linden) (Gibberellin) (Botany---Anatomy)

KONOVALOV, I.N.; ZHUYKOVA, I.V.; ZINOV'YEV, L.S.

Effect of gibberellic acid on growth characteristics and winter
hardiness of woody plants. Bot. zhur. 45 no.12:1721-1731 D '60.

(MIRA 13:12)

1. Botanicheskiy institut imeni V.L. Komarova Akademii nauk SSSR,
Leningrad.

(Gibberellic acid)

(Woody plants)

ZINOV'YEV, M. (g.Khar'kov); EL'KIN, I. (g.Khar'kov)

Vending machine for the sale of milk in bottles. Sov.torg. 33
no.6:68-71 Je '60. (MIRA 13:7)
(Milk trade) (Vending machines)

ZINOV'YEV, M.D.

ITEM I NOW INFORMATION 00/1459

Energy technology infrastructure system (Fundamentals of Synthetic Technology in Petroleum Chemistry) Moscow, Compendium, 1961. 852 p. 1,500 copies printed.

Author: Vladimir Litvin, Professor, and for Akhmetovich Petroleum Institute, Professor Executive No. 1, L. I. Verny, Perm. No. 1, S. S. Priblud.

Summary: This book is intended for engineers and chemists of petroleum refineries and chemical plants, for chemists of the national economy, planning organizations and scientific research institutes engaged in chemical processing and large-scale utilization of petroleum stock for the production of synthetic products.

Contents: The book describes important commercial methods of producing hydrocarbons petroleum and gas stock and coal stock for the manufacture of ethylene, aluminum bromide, acids, alcohols, synthetic fibers and synthetic rubber. For brevity and technical accuracy, the book is written for the chemical industry. It describes the types of chemical plants, the types of chemical industry and synthetic products and presents for its development are covered. Its principles are mentioned. Appendixes follow each chapter.

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